

Interleukin 3 Receptor Alpha (IL3Ra) Active Protein | IL3Ra active protein

Active Interleukin 3 Receptor Alpha (IL3Ra)

CATALOG # AAA153092	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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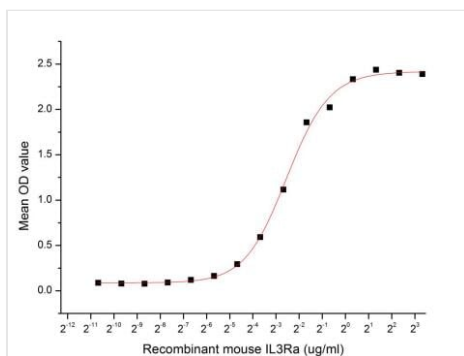
PRODUCT SYNONYMS

Interleukin 3 Receptor Alpha (IL3Ra); Active Interleukin 3 Receptor Alpha (IL3Ra); Interleukin 3 Receptor Alpha; IL3Ra active protein (prokaryotic); Mouse; CD123; IL3R-A; IL3RY; IL3RAY; IL3R; hIL-3Ra; IL3Ra active protein

PRODUCT SPECIFICATIONS

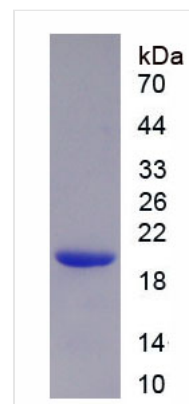
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	His167~Lys331
Applicable Applications for IL3Ra active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.4
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Interleukin 3 receptor alpha (IL3Ra), also known as CD123 (Cluster of Differentiation 123), is a subunit of the functional high-affinity mouse IL-3 receptor which is a heterodimer. The alpha subunit alone binds IL-3 with low affinity. The beta subunit does



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL3Ra active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680429
NCBI GeneID	16188
NCBI Accession #	NP_032395.1
NCBI GenBank Nucleotide #	NM_008369.1
UniProt Accession #	P26952; B9VI80
Molecular Weight	42,017 Da
NCBI Official Full Name	interleukin-3 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 3 receptor, alpha chain
NCBI Official Symbol	Il3ra
NCBI Official Synonym Symbols	CD123; SUT-1; CDw123
NCBI Protein Information	interleukin-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform; IL-3 receptor alpha chain; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA; IL-3 alpha subunit; interleukin-3 receptor class II alpha chain
UniProt Protein Name	Interleukin-3 receptor subunit alpha
UniProt Gene Name	Il3ra
UniProt Synonym Gene Names	Sut-1; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA
UniProt Entry Name	IL3RA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/interleukin-3-receptor-alpha-il3ra/153092>